

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Nataliya Dvorson Reg. No. 56,616 on 01/07/2009.

2. The application has been amended as follows:

Claim 1. (currently amended): A subscriber for a communication system for transmitting and receiving data telegrams, wherein each of the data telegrams has reference data and an identifier, wherein a control of transmitting and receiving the data telegrams is based on check data records, the subscriber comprising:

a transmission list, which includes a first number of the check data records, where each of the check data records has an address identifying a memory location that stores the reference data that is to be placed in a respective data telegram and the identifier which uniquely identifies the respective one data telegram of the data telegrams that is assigned to the respective one of the check data records;

a circuit unit configured to generate one of the data telegrams to be transmitted, based on one of the first number of check data records in the transmission list;

a second number of the check data records provided for reception separate from the first number of check data records provided for transmission;

an assignment unit configured to assign a received data telegram to one of the second number of the check data records, wherein the assignment is based on the identifier of the received data telegram;

wherein check data records of the second number of the check data records are stored in groups,

wherein access to a check data record is effected by an index, and
wherein a group of the check data record is determined based on the identifier of
the received data telegram.

Claim 8. (canceled).

Claim 9. (currently amended): A communication system having a plurality of subscribers for transmitting and receiving data telegrams,
wherein each of the data telegrams has reference data and an identifier;
wherein a control of transmitting and receiving the data telegrams by at least one of the subscribers is based on check data records;
wherein each of the check data records has an address identifying a memory location that stores the reference data that is to be placed in a respective data telegram and the identifier which uniquely identifies the respective one data telegram of the data telegrams that is assigned to the respective one of the check data records;

Deleted: and

wherein the at least one subscriber comprises:

a transmission list, which includes a first number of the check data records;

a circuit unit configured to generate one of the data telegrams to be transmitted, based on one of the first number of check data records in the transmission list;

a second number of the check data records provided for reception separate from the first number of check data records provided for transmission; and

an assignment unit configured to assign a received data telegram to one of the second number of the check data records, wherein the assignment is based on the identifier of the received data telegram;

wherein check data records of the second number of the check data records are stored in groups;

wherein access to a check data record is effected by an index; and
wherein a group of the check data record is determined based on the identifier of the received data telegram..

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Claim 16. (canceled).

Claim 17. (currently amended): A method for transmitting and receiving data telegrams by a subscriber of a communication system, wherein each of the data telegrams has reference data and an identifier, wherein a control of transmitting and receiving the data telegrams by the subscriber is based on check data records, the method comprising:

generating by a computer one of the data telegrams to be transmitted, based on one of a first number of the check data records of a transmission list, where each of the

check data records has an address identifying a memory location that stores the reference data that is to be placed in a respective data telegram and the identifier which uniquely identifies the respective one data telegram of the data telegrams that is assigned to the respective one of the check data records; and

assigning a received data telegram to one of a second number of the check data records provided for reception separate from the first number of check data records provided for transmission, wherein the assignment is based on the identifier of the received data telegram.

wherein, for accessing a check data record from the second number of the check data records, an index is accessed in order to ascertain a group, to which the check data record belongs, and

wherein the index is formed on the basis of the identifiers of the data telegrams.

Claim 22. (canceled).

Allowable Subject Matter

3. Claims 1-7, 9-15, 17-21 and 23-25 are allowed.

The following is an examiner's statement of reasons for allowance: Prior arts of the record fail to disclose a device comprising:

a circuit unit configured to generate one of the data telegrams to be transmitted, based on one of the first number of check data records in the transmission list;

a second number of the check data records provided for reception separate from the first number of check data records provided for transmission;

an assignment unit configured to assign a received data telegram to one of the second number of the check data records, wherein the assignment is based on the identifier of the received data telegram,

wherein check data records of the second number of the check data records are stored in groups,

wherein access to a check data record is effected by an index, and

wherein a group of the check data record is determined based on the identifier of the received data telegram.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Miller et al. (US Patent No. 5,796,735) teach system and method for transmission rate control in a segmentation and reassembly circuit under ATM protocol.

Serizawa et al. (US Patent No. 7,069,305) teach computer system and data transfer method thereof using remote direct memory access.

Bonicioli et al. (US Patent No. 4932024) teach system for automatic control of devices, apparata and peripheral units for signal switching and processing

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to NIMA MAHMOUDZADEH whose telephone number is (571)270-3527. The examiner can normally be reached on Monday - Friday, 8am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chirag G. Shah can be reached on (571) 272-3144. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/NIMA MAHMOUDZADEH/
Examiner, Art Unit 2419

/Chirag G Shah/
Supervisory Patent Examiner, Art Unit 2419